

What is claimed:

1. A method of treating ischemic injury comprising administering to a site of injury allene oxide synthase protein in an amount effective to prevent the ischemic injury.
2. The method of Claim 1, wherein said ischemic injury is myocardial infarction.
3. The method of Claim 1, wherein said ischemic injury is cerebrovascular stroke.
4. A method of preventing ischemic injury comprising administering to the potential site of injury allene oxide synthase protein in an amount effective to prevent the ischemic injury.
5. The method of Claim 4, wherein said ischemic injury is myocardial infarction.
6. The method of Claim 4, wherein said ischemic injury is cerebrovascular stroke.
7. A pharmaceutical composition comprising allene oxide synthase protein and a pharmaceutically acceptable carrier.